

Fig. 1

5' [] A B C [] 3' nucleic acid to be detected

3' [] A' B' C' [] 5' complement thereof

Fig. 2

3' [] A' B' C' 5' elongation product

5' [] A B C [] 3' elongation product

5' [] A B C 3' amplificate

3' [] A' B' C' 5' complement of the amplificate

[] Y A B C [] Y amplificate with tails Y

Fig. 3

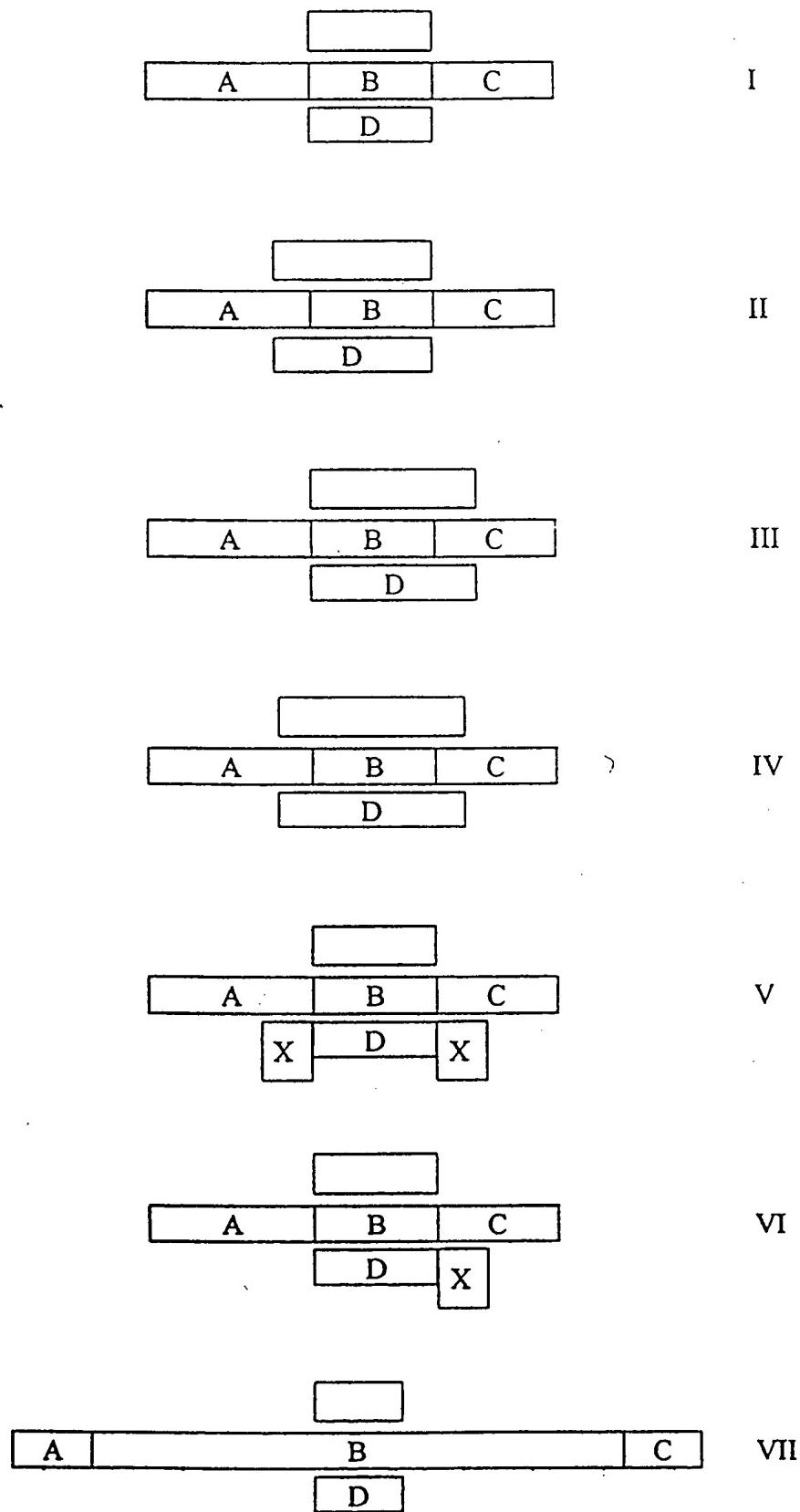


Fig. 4

HCV	AGTATGAGTGTGTCGTGCAGCCTCCAGGACCCCCCTCCCGGGAGAGCCA
HUMAN	<u>AGTATGTGTGTCGTGCAGCCTCCAGGACCCCCACTCCCGGGAGAGCCA</u>

FIG. 5

AGTATGTCGTGCAGGCC
HCV/MCR01
MPF1
MPF1+1
MPF2
HCV_1A
HCV_1B
HCV_2B
HCV_MCR
MPR1_rev&compl
MPR2_rev&compl
HCV/MCR02_rev&compl
#1

CCAGGACCCCCACTCCCCGG
TCCAGGACCCCCACTCCCCGG
CCAGGACCCCCACTCC
AGTATGAGTGTCTGCAGCCTCCAGGGGGAGAGCCA
AGTATGAGTGTCTGCAGCCCCCCCCCTCCAGGGAGAGCCA
AGTATGAGTGTCTGCAGCCTCCAGGACCCCCCTCCAGGGAGAGCCA
AGTATGTCGTGCAGCCTCCAGGACCCCCACTCCAGGGAGAGCCA
GTGTGTCTGCAGCCTCCAGGA
TCGTGCAGCCTCCAGGA
CCACTCCCCGGAGAGCCA

FIG 6

HCV	261 5'-GGTACTGCCTGATAGGGTAGTTGCCAGTCCTGGAGGTCCTGGACCCGTGCAATGA-3' 333	389 5'-CGTACTGCCTGATAGGGTAGTTGCCAGTCCTGGAGGTCCTGGAGGATCTGGAGGTCTGGACATGC-3' 449
Forward primer CK10/Reverse primer CK20	5'-CGTACTGCCTGATAGGGTAGTT-3'	5'-CTTGAGGCACTCTGGATCGTGTACG-5'
Forward primer CK11/Reverse primer CK20	5'-CGTACTGCCTGATAGGGTAGTT-3'	3'-CAGAGRATGGATGAAATCTGTGAMG-5'
Forward primer CK10-1/Reverse primer CK20-1	5'-CGTACTGCCTGATAGGGTCT-3'	3'-CGDIDMDTMTGGMATTGTTGAMG-5'
Forward primer CK11-1/Reverse primer CK20-1	5'-CGTACTGCCTGATAGGGTCT-3'	3'-CGDIDMDTMTGGMATTGTTGAMG-5'
Forward primer CK10-2/Reverse primer CK20-2	5'-CGTANTGANTIA TAGGGTINT-3'	3'-MDGIDMDTMTGGMAPPKPGTAMG-5'
Forward primer CK11-2/Reverse primer CK20-2	5'-CGTANTGANTIA TAGGGTIM-3'	3'-MDGIDMDTMTGGMAPPKPGTAMG-5'
Forward primer CK10/Reverse primer CK21	5'-CGTACTGCCTGATAGGGTCT-3'	5'-CTTGAGGCACTCTGGATCGTGTACG-5'
Forward primer CK10-1/Reverse primer CK21-1	5'-CGTANTGANTIA TAGGGTCT-3'	3'-CTTMDGDIDMDTMTGGMATTGTTGAMG-5'
Forward primer CK11-1/Reverse primer CK21-1	5'-CGTANTGANTIA TAGGGTIC-3'	3'-CTTMDGDIDMDTMTGGMATTGTTGAMG-5'
Forward primer CK10-1/Reverse primer CK21-2	5'-CGTANTGANTIA TAGGGTCT-3'	3'-CTPPDGIDMDTMTGGAATGGTTGAMG-5'
Forward primer CK11-1/Reverse primer CK21-2	5'-CGTANTGANTIA TAGGGTIC-3'	3'-CTPPDGIDMDTMTGGMATTGTTGAMG-5'
Forward primer CK10-2/Reverse primer CK21-3	5'-CGTANTGANTIA TAGGGTINT-3'	3'-MTPMDGDIDMDTMTGGMAPPKPGTAMG-5'
Forward primer CK11-2/Reverse primer CK21-3	5'-CGTANTGANTIA TAGGGTIM-3'	3'-MTPMDGDIDMDTMTGGMAPPKPGTAMG-5'

FIG 7

<p>HCV</p> <p>261 5'-GGTACTGCCCTGATAGGGCTTGCGAGTCGGGGCTCGTAGACCGTGCACCATGA-3' 3333</p> <p>Forward primer CK12/Reverse primer CK22</p> <p>5'-CGTAMTGMNTGATAGGT-3'</p> <p>Forward primer CK12-1/Reverse primer CK22-1</p> <p>5'-CGTAMTGMNTIATAGGT-3'</p> <p>Forward primer CK12-1/Reverse primer CK22-2</p> <p>5'-CGTAMTGMNTIATAGGT-3'</p> <p>Forward primer CK12-1/Reverse primer CK22-3</p> <p>5'-CGTAMTGMNTIATAGGT-3'</p> <p>Forward primer CK12-2/Reverse primer CK22-4</p> <p>5'-CGTDMTGMNTIDDGTT-3'</p> <p>Forward primer CK12-2/Reverse primer CK22-5</p> <p>5'-CGTDMTGMNTIDDGTT-3'</p> <p>Forward primer CK12/Reverse primer CK23</p> <p>5'-CGTAMTGMNTGATAGGT-3'</p> <p>Forward primer CK12-1/Reverse primer CK23-1</p> <p>5'-CGTAMTGMNTIATAGGT-3'</p> <p>Forward primer CK12-1/Reverse primer CK23-2</p> <p>5'-CGTAMTGMNTIATAGGT-3'</p> <p>Forward primer CK12-2/Reverse primer CK23-3</p> <p>5'-CGTAMTGMNTIDDGTT-3'</p> <p>Forward primer CK12/Reverse primer CK24</p> <p>5'-CGTAMTGMNTGATAGGT-3'</p> <p>Forward primer CK12/Reverse primer CK24-1</p> <p>5'-CGTAMTGMNTIATAGGT-3'</p> <p>Forward primer CK12-1/Reverse primer CK24-2</p> <p>5'-CGTAMTGMNTIDDGTT-3'</p> <p>Forward primer CK12-2/Reverse primer CK24-3</p> <p>5'-CGTDMTGMNTIDDGTT-3'</p> <p>Forward primer CK12/Reverse primer CK23</p> <p>3'-CCTCAAGAGGCTGGCATCGTGTACG-5'</p> <p>Forward primer CK12-1/Reverse primer CK23-1</p> <p>3'-CMTMAAGGMITMGGMATMGTGTAAG-5'</p> <p>Forward primer CK12-1/Reverse primer CK23-2</p> <p>3'-CMTKAGAGMITMGGMATMGTGTAAG-5'</p> <p>Forward primer CK12-2/Reverse primer CK23-3</p> <p>3'-NMTMKAGAGMITMGGMAPPKPGTAMG-5'</p> <p>Forward primer CK12/Reverse primer CK24</p> <p>3'-CCTCAGGAGGCTGGCATCGTGTACG-5'</p> <p>Forward primer CK12/Reverse primer CK24-1</p> <p>3'-CMTAGAGMITMGGMATMGTGTAAG-5'</p> <p>Forward primer CK12-1/Reverse primer CK24-2</p> <p>3'-CMTRMKGAGMITMGGMATMGTGTAAG-5'</p> <p>Forward primer CK12-2/Reverse primer CK24-3</p> <p>3'-MMTMKMGAGMITMGGMAPPKPGTAMG-5'</p>	<p>389 5'-CGTACTGCCCTGATAGGGCTTGCGAGGGATCTGGGAGTCTCGACCGTAGCACATGC-3' 449</p>
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FIG. 8

HCV 267 5' CCTTGGTACTGCCCTGATAGGGCTTGGAGTCCTGGCCGGAGGTCTCGTAGACCGCACCATGCCAACGAAAT3' 341
HGBV-B 383 5' CCATAACCGTACTGCCCTGATAGGGCTTGGAGGGATCTGGAGGTCTCGTAGACCGTAGCACATGCCCTGTTAT3' 457